Installation Manual
CDM-ISO-MAT (WET)

Resilient Surface Mat for Floors

CDM-ISO-FLOOR

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noise & vibration control

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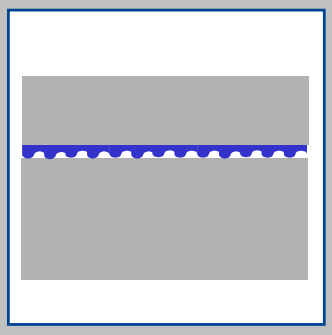
STEPS TO FOLLOW

A. Lateral Isolation

Ensure that the structural floor is completely dry, free of obstacles, discontinuities, dust, etc. before installing the isolation layer.

Along the perimeter of the slab, install lateral isolation to ensure a complete decoupling with respect to surrounding walls and structure. In this case, the same mat material can be used, however it is best not to use with a wavy layout (risk for easy penetration of water and dust otherwise). Islands like columns, building services, etc. must be surrounded as well by this lateral isolation to avoid acoustical bridging.

B. CDM-ISO-MAT



Install CDM-ISO-MAT by rolling out the mats side by side (openings should be limited to 0.04'' [~1 mm]), onto the surface to be treated. In the case of a wavy mat, the wavy side must always be pointing downwards (see figure on the left), in order to profit from the interesting shape factor.

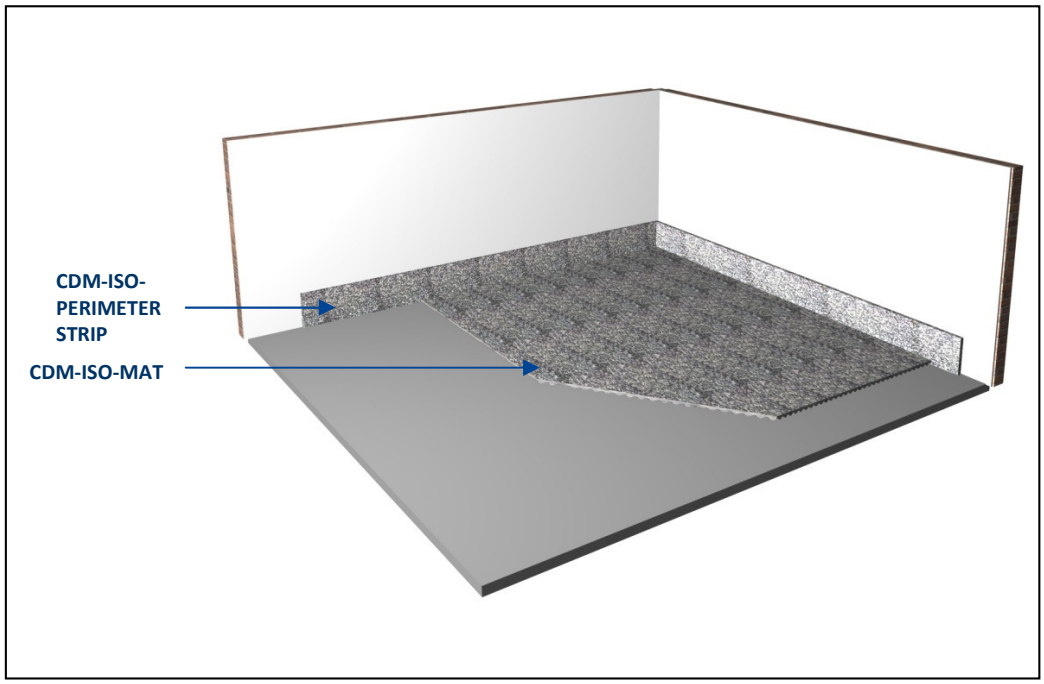


Figure 1: Installation of CDM-ISO-MAT

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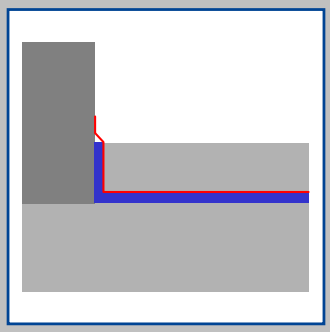

C. Protection Foil

Install protection foil over the installed CDM-ISO-MAT using overlaps of min. 4'' [~ 100 mm], and going up the perimeter strip (see figure on left). If necessary, a soft watertight joint can be installed along the perimeter of the slab, protecting the lateral isolation and reducing the risk for water penetration.

D. Reinforcement Grid and Concrete

The use of a reinforcement grid is recommended in case the concrete thickness of the floating slab is limited, e.g. 2'' [~ 50 mm]. The level of the concrete should stay equal or lower than the perimeter strip, which can easily be cut to floor level after drying.

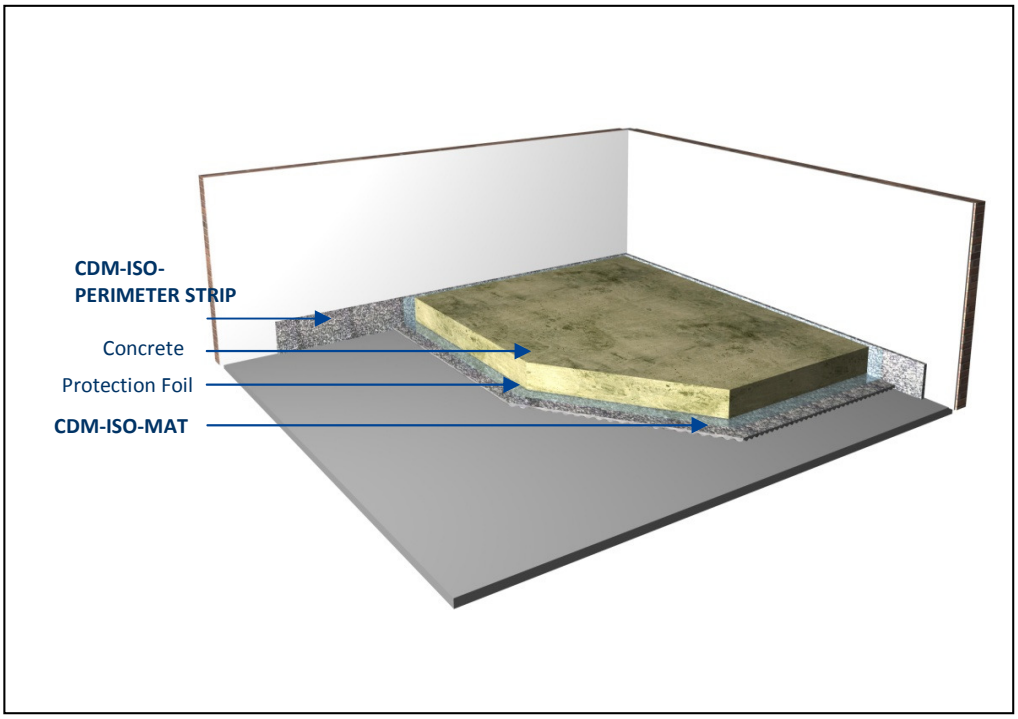

Figure 2: Concrete layer on installation surface

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E. Finishing

Install finishing: floor covering + plinth (skirting board). The floating floor should have no rigid contact with the surrounding structure. Please note that, since the mat is made of rubber, there will be some deflection over time (couple of millimeters), called creep. In case the concerning room is finished with plinths along the perimeter directly after the installation, it is advised to use a flexible putty between the floor and the plinth in order to cope with the creep issue.

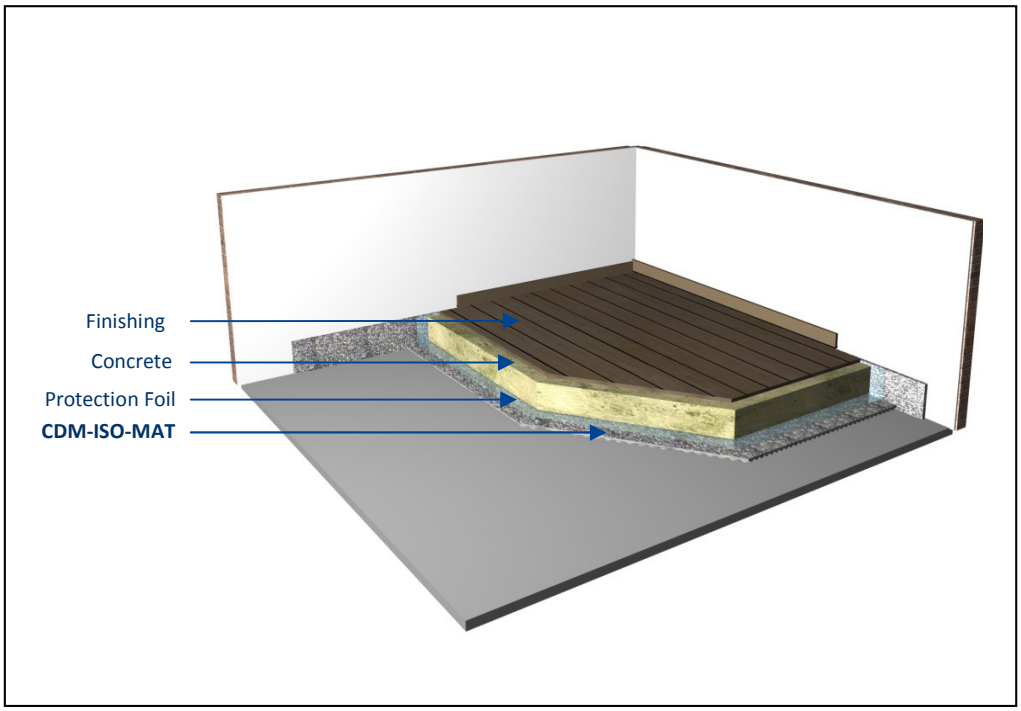

Figure 3: Finishing

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